

**ORA DATA REQUEST**  
**ORA Data Request, ORA-SDGE- 004**  
**A.17-12-013**  
**(SDG&E 2018 Residential Rate Design Window)**  
**Date Received: March 9, 2018**  
**Date Submitted: March 23, 2018**

**SUBJECT: TIERED AND DEFAULT TOU BILL COMPARISONS**

**Question 1:**

Please provide the complete workpapers associated with the attachments A through I in Chapter 2. Further please provide all data necessary to replicate SDG&E's bill comparisons.

**SDG&E Response:**

SDG&E provided workpapers in response to ORA data request #1, which include the calculations for the illustrative rate attachments (Attachments A, B, D, E and H). SDG&E, however, does not have workpapers for the bill impact analysis (Attachments C, F, G and I). SDG&E performs population level bill impact analysis by calculating monthly bills for over 1.14 million customers based on historic interval data and illustrative proposed rates, or over 13.7 million monthly bills per rate scenario. SDG&E calculated 22 rate scenarios, resulting in over 300 million calculated bills. In order to calculate the bill impacts, SDG&E uses an Oracle cloud-based application which processes the bill calculations and produces the over 300 million monthly bills used to develop the Attachments. SDG&E then summarizes these results in a testimony attachment, using SQL (Structured Query Language) to query the data and Stata (a data analysis software) to format the output.